# HIMANSHU SINGH

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**GitHub | LinkedIn |kaggle | Portfolio**

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## TECHNICAL SKILLS

**Programming Languages:** Proficient in C++, Python; Familiar with JavaScript
**Machine Learning & NLP :** Supervised & Unsupervised Learning, Sentiment Analysis, LSTM, CNN, Word Embeddings (Word2Vec),data preprocessing,time series analysis ,etc .
**Frameworks & Libraries:** Flask, TensorFlow, Keras, Scikit-Learn, Pandas, NumPy, Matplotlib, Seaborn, BeautifulSoup, Bootstrap, SARIMA, ARIMA .
**Web Technologies:** HTML5, CSS3, JavaScript.
**Other Skills:** Problem Solving, Data Structures and Algorithms, Web Scraping.

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## EDUCATION

- Bachelor of Technology (B.Tech) in Electronics and Communication Engineering
  Indian Institute of Information Technology (IIIT) Una
  CGPA: 8.64
- Higher Secondary (12th)
  UP Board | Percentage: 94.6%
  School: GSAS Academy, Harraiya, Basti

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## PERSONAL PROJECTS

1. **AgroAssist – AI-based Farming Assistant**|project|GitHub
- Profitability score based recommendation which utilises yield prediction , crop price prediction and  crop recommendation and used CNN for pest prediction.
- Used the SARIMAX model to predict future crop prices.
- Developed end to end project with Flask (backend) and HTML/CSS/Js (frontend) .
- Integrated SQLite for user authentication, blog posting, and an expense management feature.
2. **Sentiment Analysis on movie reviews** |project|GitHub
- Built a sentiment classifier using LSTM-based neural networks to categorize IMDb.
- Achieved 86% accuracy on the test set.
3. **Internshala Internship Analysis** |Notebook
- Scraped internship and jobs listings from Internshala using BeautifulSoup to analyze trends in skills, domains, and locations and published this dataset  on Kaggle.
- Analysed the data and built a pipeline to predict the salary .

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## ACHIEVEMENTS
1. Practice 10+ datasets from kaggle as well as self made.
2. Solved 600+ DSA questions on Leetcode.